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IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A pressure point detector for detecting a location of a pressure point, comprising:

a flexible insulation member in a predetermined shape;  
a resistance film formed on one side of the flexible insulation member;

a conductive member made of conductive material and established to face the insulation member with a predetermined gap therebetween, and

a pair of electrodes established on said resistance film in a parallel fashion to produce voltage distribution, thereby producing an output voltage from said conductive member indicative of a location of the pressure applied to the insulation member;

wherein the resistance film contacts the conductive member at a location corresponding to the point where the pressure is applied, and said pair of electrodes are formed in a radial direction on the resistance film from about a center of the resistance film, thereby differentiating voltages in a circular direction on the resistance film.

2. (currently amended) A pressure point detector as defined in Claim 1, wherein a size of said gap between said resistance film and the conductive member is determined in such a way that, when the pressure is applied to the insulation member, the resistance film

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contacts the conductive member at a location corresponding to the point where the pressure is applied.

3. (currently amended) A pressure point detector as defined in Claim 1, wherein ~~said pair of electrodes are formed in a radial direction on the resistance film from about a center of the resistance film, and wherein~~ an insulation area is established between the electrodes.

4. (currently amended) A pressure point detector as defined in Claim 1, wherein, when a voltage is supplied between the pair of electrodes, said voltage distribution is created by equipotential lines in radial directions from about a said center of the resistance film, thereby ~~differentiating~~ distributing said different voltages in a said circular direction on the resistance film.

5. (currently amended) A pressure point detector as defined in Claim 1, wherein, when a voltage is supplied between across the pair of electrodes, said voltage distribution is created by equipotential lines in radial directions from about a said center of the resistance film, thereby ~~differentiating~~ distributing said different voltages in a said circular direction on the resistance film, and wherein an output terminal connected to the conductive member produces said output voltage at the point on a circular direction on the resistance film.

6. (original) A pressure point detector as defined in Claim 1, where said insulation member and said conductive member are shaped like a disc.

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7. (original) A pressure point detector for detecting a location of a pressure point, comprising:

a first flexible insulation member in a predetermined shape;

a first resistance film formed on one side of the first flexible insulation member;

a second flexible insulation member in a predetermined shape;

a second resistance film formed on one side of the second flexible insulation member, where the first and second resistance films are positioned to face with one another with a predetermined gap therebetween;

a first pair of electrodes established on said first resistance film in a radial direction in a parallel form; and

a second pair of electrodes established on said second resistance film between a center and an outer edge of the second resistance film.

8. (original) A pressure point detector as defined in Claim 7, wherein said gap between said first resistance film and said second resistance film is determined in such a way that, when the pressure is applied to either the first insulation member or the second insulation member, the first and second resistance films contact with one another at a location corresponding to the point where the pressure is applied.

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9. (original) A pressure point detector as defined in Claim 7, wherein said first pair of electrodes are formed in the radial direction in a parallel fashion on the first resistance film from about a center of the first resistance film, and wherein an insulation area is established between the first pair of electrodes.

10. (original) A pressure point detector as defined in Claim 7, wherein one of said second pair of electrodes is a flat disc like electrode formed at about the center of the second resistance film and another one of said second pair of electrodes is a ring like electrode formed around the outer edge of the second resistance film.

11. (original) A pressure point detector as defined in Claim 7, wherein, when a voltage is supplied between the first pair of electrodes, voltage distribution is created on the first resistance film by radial equipotential lines in radial directions from about a center of the first resistance film, thereby differentiating voltages in a circular direction on the first resistance film.

12. (original) A pressure point detector as defined in Claim 7, wherein, when a voltage is supplied between the second pair of electrodes, voltage distribution is created on the second resistance film by concentric equipotential lines in circular directions around a center of the second resistance film, thereby differentiating voltages in a radial direction on the second resistance film.

13. (original) A pressure point detector as defined in Claim 7, wherein, when a voltage is supplied between the first pair of

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electrodes, voltage distribution is created on the first resistance film by radial equipotential lines in radial directions from about a center of the first resistance film, thereby differentiating voltages in a circular direction on the resistance film, and wherein a first output terminal connected to the first conductive member produces a first output voltage at the point on the circular direction on the first resistance film.

14. (original) A pressure point detector as defined in Claim 7, wherein, when a voltage is supplied between the second pair of electrodes, voltage distribution is created on the second resistance film by concentric equipotential lines in circular directions around a center of the second resistance film, thereby differentiating voltages in a radial direction on the second resistance film, and wherein a second output terminal connected to the second conductive member produces a second output voltage at the point on the radial direction on the second resistance film.

15. (original) A pressure point detector as defined in Claim 7, where said first insulation member and second insulation member are shaped like a disc.